IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

C.   Amendments to the Claims.

1. (Currently Amended) A voice and data network, comprising:

a) a telephone and a computer connected to a voice and data module (VDM),

b) a plurality of said VDM devices connected to a plurality of telephone wires in a building,

c) said plurality of telephone wires connected together to provide a telephone network primarily intended for telephony,

d) a link to wide area network (LTW) connects said telephone network to a Public Service Telephone Network (PSTN) and an Internet Service Provider (ISP),

e) said LTW and said plurality of said VDM devices communicate together over said telephone network using communication addresses assigned to said LTW and each VDM of said plurality of VMD devices.

2. The voice and data network of claim 1, wherein said plurality of VDM devices connect a plurality of telephones and a plurality of personal computers to a plurality of data signals and a plurality of voice signals on said telephone network operating concurrently.

3. (Currently Amended) The voice and data network of claim 1, wherein said LTW and said plurality of VDM devices communicate over said network of telephone wires by means of Token in using Ethernet tokens that allow each VDM device to communicate over said network at a corresponding same period time Protocol (TEP) technology.

4. The voice and data network of claim 1, wherein telephone service is provided to said building from said ISP and said PSTN.

5. The voice and data network of claim 1, wherein more than one LTW is connected to said telephone network.

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6. (Currently Amended) A method for communicating between network elements in a voice and data network, comprising:

a) monitoring a communication network by a first voice and data module (VDM) for a call from a second VDM and a call from a link to a wide area network (LTW) connected to said communication network,

b) monitoring a first phone and a first computer attached to said first VDM for an outgoing call to a destination containing a second phone and second computer connected to said second VDM, or an outside phone and an outside computer network through said LTW,

c) detecting said outgoing call and connecting said call **by control of the first VDM** if said destination is not busy, else providing a busy signal and disconnecting said outgoing call,

d) detecting an incoming call and connecting said call **by control of the first VDM** if a receiving device comprising said first phone and said first computer is not busy, else sending back said busy signal and disconnecting said incoming call,

e) disconnecting phone calls or computer calls when a phone hang up or a computer disconnect signal is detected and returning to monitoring said network for said incoming call.

7. (Currently Amended) The method of claim 6 wherein, detecting, connecting and disconnecting a call is done using ~~Tokens in Ethernet Protocol technology where~~ packets **that** carry communication between said first and second VDM, and between said first VDM and said LTW **using Ethernet tokens that allow each VDM device to communicate over said network at a corresponding same period time**.

8. The method of claim 6 wherein, communicating between computers is done directly in Ethernet protocol eliminating the need for any conversion.

9. The method of claim 6 wherein, connecting a long distance phone call is done through said ISP without the use of a computer to assist in the call.

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     10. The method of claim 6 wherein, detecting a request from said first computer for a connection to an Internet service provider (ISP), sending request for the connection to said LTW and completing connection to said ISP is completed when the LTW responds with a connection completed signal.

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